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TI Method for the production of L-alanine derivatives with an ACE inhibitor effect

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SO Ger. Offen., 6 pp.

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DT Patent

LA German

IC C07K005-078; C07D285-12; C07D521-00; C07D207-16; C07D217-26; C07D233-32; C07D209-42; C07D495-10; C07D209-52

CC 34-2 (Amino Acids, Peptides, and Proteins)

Section cross-reference(s): 1

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CLASS

PATENT NO. CLASS PATENT FAMILY CLASSIFICATION CODES

DE 19721290 IC C07K005-078; C07D285-12; C07D521-00; C07D207-16; C07D217-26; C07D233-32; C07D209-42; C07D495-10; C07D209-52

IPC1 C07K0005-078; C07K0005-00 [C*]; C07D0285-12; C07D0285-00 [C*]; C07D0521-00; C07D0207-16; C07D0207-00 [C*]; C07D0217-26; C07D0217-00 [C*]; C07D0233-32; C07D0233-00 [C*]; C07D0209-42; C07D0495-10; C07D0495-00 [C*]; C07D0209-52; C07D0209-00 [C*]

IPCR C07D0207-00 [I,C*]; C07D0209-00 [I,C*]; C07D0217-00 [I,C*]; C07D0217-26 [I,A]; C07D0233-00 [I,C*]; C07D0233-32 [I,A]; C07D0495-00 [I,C*]; C07D0495-10 [I,A]; C07K0005-00 [I,C*]; C07K0005-02 [I,A]

ECLA C07D201/12D6D3; C07D217/26; C07D233/32; C07D495/10+329B+209B; C07K005/02H1A

OS MARPAT 128:61791

AB Title compds. R1CH2CH2CH(CO2Et)NHCH(CH3)COR2 [(I): R1 = alkyl, aryl, heterocycle; R2 = (un)natural α -amino acid], and their pharmaceutically acceptable salts were prep'd. as ACE-inhibitors (no data). Thus, (S,S)-I (R1 = Ph; R2 = OH) was reacted with L-proline to yield (S,S)-I (R1 = Ph; R2 = L-proline), which was converted to its maleate salt.

ST amino acid prepn ACE inhibitor; antihypertensive amino acid prepn; alanine proline prepn ACE inhibitor

IT Antihypertensives
(prepn. of L-alanine derivs. with an ACE inhibitor effect)

IT Amino acids, preparation
RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(prepn. of L-alanine derivs. with an ACE inhibitor effect)

IT 76420-75-2P 87679-37-6P 200423-23-0P
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(Uses)

(prepn. of L-alanine derivs. with an ACE inhibitor effect)

IT 75847-73-3P 80876-01-3P 83059-56-7P 83435-66-9P 83647-97-6P

85441-61-8P 87333-19-5P 89371-37-9P 103775-10-6P 109683-61-6P

RL: IMF (Industrial manufacture); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of L-alanine derivs. with an ACE inhibitor effect)

IT 147-85-3, L-Proline, reactions 80875-98-5 82717-96-2 145438-94-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(prepn. of L-alanine derivs. with an ACE inhibitor effect)

IT 200423-22-9P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of L-alanine derivs. with an ACE inhibitor effect)